



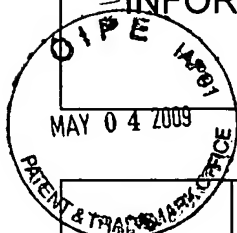
Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.	APPLICATION NO.
		1793.1259	10/823,548
		FIRST NAMED INVENTOR	
		Hyoung-ki Lee, et al.	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		FILING DATE	GROUP ART UNIT
		April 14, 2004	3664

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	4,758,691	7/19/1988	Pieter De Bruyne			
	AB	5,652,593	7/29/1997	Quentin H. Rench et al.			
	AC	5,948,043	09/1999	Mathis			
	AD	6,438,456	08/2002	Feddema			
	AE	2003/000177 7	01/2003	Johnson			
	AF	7,038,589	05/2006	Schmidt et al.			
	AG	6,611,234	08/2003	Fullerton et al.			
	AH	6,415,223	07/2002	Lin et al.			
	AI	6,459,955	10/2002	Bartsch et al.			
	AJ	4,674,048	06/1987	Okumura			
	AK	5,307,271	04/1994	Everett et al.			
	AL	6,370,453	04/2002	Sommer			
	AM	6,615,108	09/2003	Peless et al.			
	AN	7,248,951	07/2007	Hulden			
	AO	6,732,826	05/2004	Song et al.			
	AP	2004/021144 4	10/2004	Taylor et al.			
	AQ	7,173,391	02/2007	Jones et al.			
	AR	7,188,000	03/2007	Chiappetta et al.			

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		FILING DATE April 14, 2004	GROUP ART UNIT 3664



FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
	BG	0502249 A2	11/14/1991	Europe		X	
	BH	0502249 A3	11/14/1991	Europe		X	
	BI	0732641 A2	09/18/1996	Europe		X	
	BJ	0732641 A3	05/02/1997	Europe	Abstract		X
	BK						
	BL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
	BM	J. Borenstein et al., "Mobile Robot Positioning – Sensors and Techniques," Invited paper for the Journal of Robotic Systems, Special Issue on Mobile Robots, Vol. 14, No. 4, pages 231-249.		

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(f)****LIST OF COPENDING APPLICATIONS**

ATTORNEY DOCKET NO.	APPLICATION NO.
1793.1259	10/823,548
FIRST NAMED INVENTOR	
Hyoung-ki Lee, et al.	
FILING DATE	GROUP ART UNIT
April 14, 2004	3664

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided, UNLESS DOMESTIC PRIORITY IS CLAIMED THEREON UNDER 35 U.S.C. § 120 AND/OR THE APPLICATION IS PUBLISHED. 37 CFR § 1.98(a)(2)(II), (III) AND 1.98(3)(d)(1).

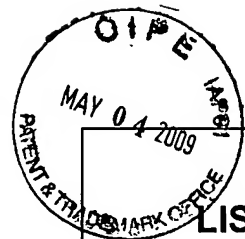
It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
	1	10/747,228	12/30/2003	Lee et al.	
	2	10/819,984	04/08/2004	Lee et al.	
	3				
	4				
	5				
	6				
	7				
	8				

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS

ATTORNEY DOCKET NO.	APPLICATION NO.
1793.1259	10/823,548
FIRST NAMED INVENTOR	
Hyoung-ki Lee, et al.	
FILING DATE	GROUP ART UNIT
April 14, 2004	3664

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It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	CA						
	CB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	CC							
	CD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

							TRANSLATION YES NO	
	CE	European Search Report dated 09/09/2004 issued for European Patent Application corresponding to co-pending U.S. Application No. 10/747,228.						

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	